

## IN THE DRAWINGS

Please amend Figure 1 as marked.

## IN THE CLAIMS

Please amend the claims as follows:

*Sub 1. Az Cl*  
(Amended) A processor comprising:

a first instruction set engine to process instructions having a first word size;

a second instruction set engine to process instructions having a second word size,  
the second word size being different than the first word size;

a mode identifier;

a plurality of floating-point registers shared by the first instruction set engine  
and the second instruction set engine; and

a floating-point unit coupled to the floating-point registers, the floating-point  
unit processing an input responsive to the mode identifier to produce an output.

*A4*  
11. (Amended) The method of Claim 10 wherein the input is comprised of at least  
one operand and at least one operator; wherein detecting comprises examining the at  
least one operand to determine whether any of the operands correspond to the token;  
and wherein checking comprises examining a mode identifier to determine whether the  
processor is in the first mode or the second mode.